

CLAIMS

1. A nucleotide sequence constituted by the *Ha ds10 G1* gene, its promoter, *Ha ds10 G1* 5'- and 3' flanking sequences, wherein the nucleotide sequence is selected from the group consisting of identical nucleotide sequences identical to
- 5 of SEQ ID NO:1, first homologous nucleotide sequences being homologous by at least 70% to SEQ ID NO:1, second homologous nucleotide sequences being homologous being at least 70% homologous to complementary sequences to SEQ ID NO:1, and fragments thereof.
- 10 2. A nucleotide sequence according to claim 1, wherein the first homologous sequence is homologous by at least 80% to SEQ ID NO:1.
3. A nucleotide sequence according to claim 1, wherein the first homologous sequence is homologous by less than 95% to SEQ ID NO:1.
- 15 4. A nucleotide sequence, wherein the second homologous sequence is homologous by at least 80% to SEQ ID NO:1.
5. A nucleotide sequence according to claim 1, wherein the second homologous sequence is homologous by less than 95% to SEQ ID NO:1.
- 20 6. A nucleotide sequence according to any of the claims 1 to 5, and further including a chimeric gene.
- 25 7. A nucleotide sequence according to claim 6, suitable for expression of a chimeric gene.
8. A nucleotide sequence according to claim 7, wherein the chimeric gene is specific of seeds from early maturation stages.
- 30 9. A nucleotide sequence according to claim 8, constituted by constructions ds10F1, ds10F2, ds102Δ, ds10F3 and ds10EC1 or part thereof.
- 35 10. A nucleotide sequence according to claim 10, including *Ha ds10 G1* gene coding and 3'-flanking sequences.

- a
a
00600840
G4780980
a
00372200
C
a

a

a
a

and peanut.

a

22. Use of a transgenic plant according to ~~any of claims 20 to 21~~ for the production of substances resulting from the expression of chimeric genes.

5

23. Use of a transgenic plant according to claim 22 wherein the substances are proteins, bioactive substances and oils.

C

a

24. Substances obtained according to ~~any of claims 23 and 24~~.

002280" 8480960

add ca